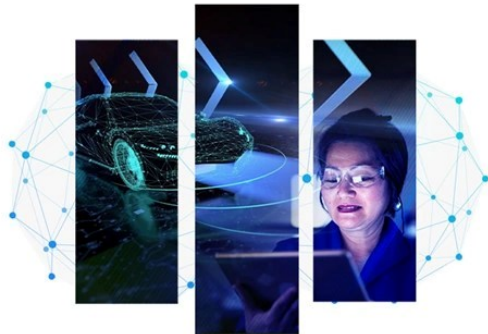**OMNEX**
SYSTEMS.AI
DIGITALIZATION OF QUALITY

eMobility Software Platform

🏠 ▸ eMobility Software Platform

Decode Functional Safety, ASPICE, Cybersecurity with our eMobility Software Platform

Omnex Automotive SPICE Handbook – Based on Automotive SPICE PRM & PAM v4.0

Grab your free pocket-sized copy of the Automotive SPICE Handbook from Omnex.
Note: Shipping charges apply.
Click here for your free copy.

› **Enterprise eMobility Software Platform to revolutionize new product development of electrical and autonomous vehicle products** for you and the supply chain.

› **Integrated Platform to manage** Functional Safety (ISO 26262)**, Automotive SPICE® (ASPICE®), Cybersecurity (ISO 21434), SOTIF (ISO 21448), APQP/New Product Development Project Management, Requirements Management, APQP PPAP Documentation (D/P FMEA, Control Plan), Configuration Management, Change Request Management Inspection Control & Management, Gages, Calibration & MSA Management, Corrective and Preventive Management (CAPA), KPIs Management.**

› **AI, Mobility, cloud, and business intelligence are powering EV-AV product development and Digitalization.**

› **C**onnect & **C**ollaborate with your Teams – **V**IRTUALLY ANYWHERE.

› **Intuitive user interface** to perform complex tasks quickly and easily.

› **Platform Available in the Cloud and on-premise**

› Global software implementation services integrated with coaching, implementation, and E-Learning.

› Designed by the experts, many of whom are on the writing committee of several standards.

STANDARDS COMPLIANCE
Functional Safety(ISO 26262), Automotive SPICE®, Cybersecurity(ISO 21434), SOTIF(ISO 21448), IATF 16949

INDUSTRY
Automotive, Electric and Autonomous Vehicle

REQUEST FOR DEMO →

AICPA SOC
aicpa.org/soc4so
SOC for Service Organizations ™

Omnex Systems has successfully completed the SOC 2 Certification, reinforcing our commitment to maintaining the highest standards of data security and privacy for our clients.

[View All certifications](#)

Click here to download the Tool Qualification Report by Greg Gruska, Principal Consultant, Omnex Inc.,

[Download Now](#)

eMobility Software Platform

Functional Safety, Automotive SPICE®, Cybersecurity, and SOTIF Work Products   CORE

- ✓ Integrated eMobility Software Platform to meet Functional Safety (ISO 26262), Automotive SPICE® (ASPICE®), Cybersecurity (ISO 21434), and SOTIF (ISO 21448) standards.
- ✓ Helps develop structure and architecture diagrams, interface function matrices, p-diagram, and more.
- ✓ Manage and develop SysML/UML Diagrams, HARA (Hazard And Risk Analysis), technical safety concepts, hardware and software design (HIS), and more.
- ✓ Supports team collaboration and development of eMobility work products.

Planning

- ✓ A comprehensive and **integrated platform to manage functional safety plans, cybersecurity (CySe) plans, Automotive SPICE® software project plans, APQP/PPAP/NPD plans, and more.**
- ✓ Manage NPD/APQP projects - track resources, timelines, deliverables, documents, and quality.
- ✓ Collaborate, connect, and monitor program status in real-time.
- ✓ Hassle-free management of project risks, APQP critical paths, project reviews, and more.

Requirement Management   ADD ON

- ✓ Manage voice of customer, functions, and requirements in a single location.
- ✓ Flow down requirements all the way down the BOM (Bill of Material).
- ✓ Forward and backward traceability of requirements.
- ✓ Requirements review, revision management, and more.

APQP PPAP Documentation   CORE

- ✓ Develop integrated and linked functional block diagrams, boundary diagrams, P-diagrams, interface function matrices, **DFMEA**, and DVP&R/Test Plans.
- ✓ Supports FMEDA, FTA (Fault Tree Analysis) development, and integrates with DFMEA.
- ✓ Develop integrated and linked Process Flows, PFMEA, Control Plans, check sheets and work instructions.
- ✓ Design and process re-use using product families and libraries.
- ✓ Supports AIAG 4th Edition, AIAG-VDA FMEA handbook, SAE standard, and more.

Change Request & Configuration Management   ADD ON

- ✓ Create and manage all methods of change request – Engineering Change Request (ECR), Engineering Change Notification (ECN), Internal Change request, supplier change request, and many more.
- ✓ Configurable change management forms and approval to fit your needs.
- ✓ Visibility of all change requests and statuses.
- ✓ Manage configuration of all work products effortlessly.

Inspection Control & Management `ADD ON`

- ✓ Integrated receiving, in-process and final inspections linked to Control Plans and check sheets.
- ✓ Mobile app for inspectors to collect data offline.
- ✓ Review process capability studies.
- ✓ Integrated with problem-solving techniques and more.

Audits & Assessments `ADD ON`

- ✓ Plan, schedule, conduct, and track all functional safety audits and assessments.
- ✓ Configurable audit checklists to meet a variety of different standards.
- ✓ Document non-conformances and track them to closure.
- ✓ Includes quality problem-solving approaches and tools like **8D, 7D, CAR, PRR, FRA/PSD, L0 with problem-solving tools such as 5Ys, Is-Is Not, 5W2H, Fish-Bone**, and more.

Gages, Calibration & MSA Management `ADD ON`

- ✓ Manage the entire life cycle of gages.
- ✓ Conduct bias, calibration, linearity, and GRR studies.
- ✓ Automated notifications and reminders on gages due for calibration.
- ✓ Various visual gage management and reports.

KPIs Management `ADD ON`

- ✓ **Out-of-the-box business intelligence reporting services with various custom reports.**
- ✓ **Define KPIs, dashboards, and standardize them across the enterprise.**
- ✓ **Visually explore data and get unique insights on quality data.**
- ✓ **Drag and drop to build your own reports with zero programming required.**

Corrective and Preventive Management (CAPA) `CORE`

- ✓ Integrated solution for all QMS – internal and external customer complaints.
- ✓ Manage, track, and implement corrective actions and preventive actions.
- ✓ **Linked 8D, 7D, CAR, PRR, FRA/PSD, L0 with problem-solving tools such as 5Ys, Is-Is Not, 5W2H, and Fish-Bone.**
- ✓ **Closed-loop quality system integrated with FMEAs and more.**

Document Control `CORE`

- ✓ **Manage all APQP/NPD documents in a single location.**
- ✓ **Workflows to manage document reviews and approvals.**
- ✓ **Manage change control, revision control, and distribution control.**
- ✓ **Single source for document requirements and more.**

Want To Learn More?

Check out our related webinar recordings, Case studies, White papers, & Articles

←

Case Study

Shift-Left – Integrating Product Risks in New Product Development using FMEA

A leading semiconductor company—operating 32 global sites and generating over $25B in revenue—partnered with Omnex to embed risk manag...

Read more ⟶

Digitalization of FMEA, Control Plan, and other APQP/PPAP documents using EwQIMS - Enterprise FMEA Solution

A global leader in the development and production of high-precision bearings for aerospace, defense, medical, dental, and high-tech...

Read more ⟶

White Paper: Best Auditing Practices using Software

Enterprise today is juggling many standards. An audit tells an organization whether it is adhering to statutory and regulatory requirements and established objectives.

Read more ⟶

Focus on APQP/PPAP Documentation

The global growth objectives of the customer were hampered by the spreadsheets and silo-based client-server applications that lacked standardization as it is with 75% of the automotive supply base.

Read more ⟶

→

Who We Work With

100,000+ globally has embraced Digitalization of Quality

Caterpillar

Daimler

NXP

Valeo

Club Car

Cooper-Standard

TSC

TI Automotive

Neapco

Honeywell

Company

About Omnex Systems

Our Values

Executive Team

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Client List

Worldwide Offices

Awards and Accreditations

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+91 95000 74866

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+49 17 89888 121

Software Platform

NPI/APQP

eMobility Software Platform

Quality Management Systems / QHSE (IMS)

Supplier Quality Management

Performance Management

Manufacturing Digitalization 4.0 (I-IoT)

Newsletter

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✉ Sign up for our newsletter

Products

AQuA Pro
DFMEA, PFMEA, Control Plan development, and PPAP Documents

Document Pro
Document Management Software

APQP/PPAP Manager
NPI/APQP Project Management

Audit Pro
Audit Management Software

Layered Process Audit (LPA)
Layered Process Audits

Problem Solver
Internal & External Customer complaints

MSA Pro
Gage Management and MSA Studies software

Products

Requirements Flowdown
Requirements Management

Functional Safety
Functional Safety Software

Change Management
Change Request Management

Inspection Control
Inspections Management

BOSS
Continual Improvement & KPI Management

HR Pro
Training & Competency Management

TPM Pro
Total Productive Maintenance Management